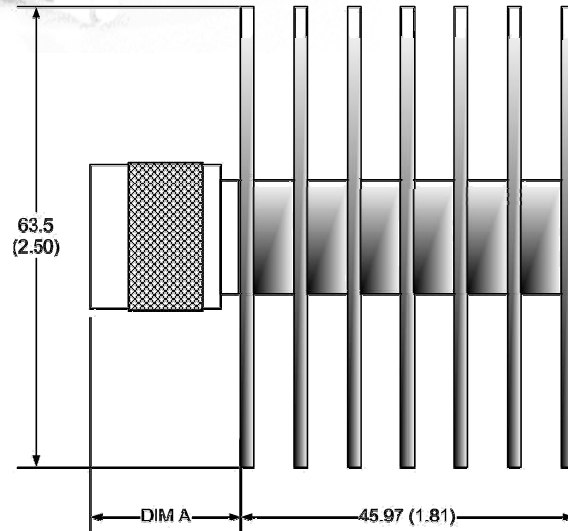


TERMINATION High Power-High Frequency

MODEL WA1490

DC – 18.0 GHz

50 WATTS



Features

Designed to meet MIL-A-39030 environmental specifications.

Specifications

Nominal Impedance: 50 ohms

Frequency Range: DC -18.0 GHz

Power Rating: 50W CW/ 1 KW peak to 25°C ambient temperature, de-rated linearly to 10 watts at 125°C, 1 kilowatt peak (5 µsec pulse width; 2.5% duty cycle).

Temperature Range: -55°C to +125°C

Construction: Black finned aluminum alloy body with passivated stainless steel connectors. Gold plated beryllium copper contacts.

Maximum VSWR:

Frequency (GHz)	VSWR
DC – 8.0	1.15
8.0 – 12.4	1.20
12.4 – 18.0	1.30

Connectors: Type N or SMA stainless steel M/F connectors per MIL-STD-348A, interface dimensions mate nondestructively with MIL-PRF-39012.

* Note: TNC connector available upon request.

Calibration: VSWR performed across frequency range. Calibration test data available at additional cost.

Weight:

Type N	1.18 kg/ 4.1 oz.
SMA	1.25 kg/ 4.3 oz.

Physical Dimensions:

Length:

Connector	Dimension A
Type N (-3, -4)	24.1 (0.95)
SMA (-1, -2)	30.1 (1.23)

Diameter: 63.50 (2.50)

Note: Dimensions are given in mm (inches) and are maximum, unless otherwise specified.



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Specification
Subject to change
without notice